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TITLE: Hands-free support for mobile telephone includes
threshold circuit detecting flow of charging current to
indicate presence of phone

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Basic Abstract Text - ABTX (2):

DETAILED DESCRIPTION - The adaptor comprises a universal box and a specific remote support comprising a cradle designed to receive the telephone (10). The support includes a circuit (38) for detecting the placement of the telephone in the support. This comprises a converter stage (40) providing a controlled voltage (Vcharge) via a series diode (42). A resistance (44) is mounted in parallel with the diode in order to provide a voltage on its terminals which is a function of the current delivered. A threshold circuit (46,48,50,52) receives this voltage as its input and delivers an output which changes state according to whether or not current is being drawn by the presence of the telephone in the cradle.

Basic Abstract Text - ABTX (3):

USE - Hands-free support for telephone used in vehicle.

Basic Abstract Text - ABTX (4):

ADVANTAGE - Provides automatic detection of presence of telephone in supporting cradle.

Standard Title Terms - TTX (1):

HAND FREE SUPPORT MOBILE TELEPHONE THRESHOLD CIRCUIT DETECT FLOW CHARGE
CURRENT INDICATE PRESENCE TELEPHONE